Contents of Volume 25

No 1

R. GLOSSOP: Foreword
Photographic Feature: The Channel Tunnel: geotechnical monitoring to breakthrough . 7
A. B. HAWKINS & G. M. PINCHES: Engineering description of mudrocks 17
J. C. DICK & A. SHAKOOR: Lithological controls of mudrock durability 31
R. D. SIBLEY: Gas migration studies at a disused mine to detect possible rock fracture patterns and the extent of underground workings
M. T. HUSSEIN, A. G. BAZUHAIR & A. E. AGEEB: Hydrogeology of the Saq Formation east of Hail, Northern Saudi Arabia
N. S. ROBINS & J. M. FERRY: Natural mineral waters: a Scottish perspective 65
D. C. PIKE: Technical Note: Selecting appropriate numbers of increments for bulk samples of aggregates
Book reviews
No 2
Photographic Feature: The Whitaker machine
A. S. STIPHO: Aeolian sand hazards and engineering design for desert regions 83
J. A. HUDSON & J. P. HARRISON: A new approach to studying complete rock engineering problems
P. G. J. YATES: The material strength of sandstones of the Sherwood Sandstone Group of north Staffordshire with reference to microfabric 107
A. B. HAWKINS & B. J. McCONNELL: Sensitivity of sandstone strength and deformability to changes in moisture content
D. M. WILLIAMS & K. McNAMARA: Limestone to dolomite to dedolomite conversion and its effect on rock strength: a case study
D. N. LERNER: A semi-analytical model for borehole catchments and time-of-travel zones which incorporates recharge and aquifer boundaries
P. K. BISHOP, E. GOSK, M. W. BURSTON & D. N. LERNER: Level-determined groundwater sampling from open boreholes

P. L. YOUNGER: The hydrogeological use of thin sections: inexpensive estimates of groundwater flow and transport parameters
D. L. CHARLESWORTH, K. W. F. HOWARD & R. NADON: Technical Note: An innovative use of groundwater sampling equipment to determine aquifer characteristics in Precambrian basement rocks of Uganda
A. N. JAMES & A. L. LITTLE: Discussion on 'Mackintosh-vs-vane estimation of undrained shear strength correlation for a sabkha clay of Saudi Arabia by D. Hossain & K. M. Ali
Book reviews
No 3
Shallow seismic reflection R. F. KING: High-resolution shallow seismology: history, principles and problems . 177
I. A. HILL: Field techniques and instrumentation in shallow seismic reflection 183
K. J. DAVIES & R. F. KING: The essentials of shallow reflection data processing . 191
K. DAVIES, R. D. BARKER & R. F. KING: Application of shallow reflection techniques in hydrogeology
J. E. KRAGH, N. R. GOULTY & P. J. BRABHAM: Surface and hole-to-surface seismic reflection profiles in shallow Coal Measures
P. J. BRABHAM & R. J. McDONALD: Imaging a buried river channel in an intertidal area of South Wales using high-resolution seismic techniques
I. HILL: Better than drilling? Some shallow seismic reflection case histories 239
J. A. C. MEEKES: Examples of the application of shallow reflection surveys in The Netherlands
No 4
A. F. HOWLAND: Use of computers in the engineering geology of the urban renewal of London's docklands
I. A. DEANS, R. S. MORLEY & A. F. HOWLAND: A computer program for ground investigation data storage, manipulation and presentation
J. ZHAO & E. T. BROWN: Hydro-thermo-mechanical properties of joints in the Carnmenellis granite
I. SIMS & B. MIGLIO: A procedure for assessing compositional uniformity of sand and gravel aggregates for concrete

A. C. STAMATOPOULOS, J. C. CHRISTODOULIAS & H. Ch. GIANNAROS: Treatment of expansive soils for reducing swell potential and increasing strength 301
P. G. FOOKES & S. G. DALE: Comparison of interpretations of a major landslide at an earthfill dam site in Papua New Guinea
D. HOSSAIN: Prediction of permeability of fissured tills
F. C. BRASSINGTON, P. A. LUCEY & A. J. PEACOCK: The use of down-hole focused electric logs to investigate saline groundwaters
N. A. EVANS: Automated monitoring and interactive data evaluation for a gravel aquifer in central London
A. C. BOURG, C. MOUVET & D. N. LERNER: A review of the attenuation of trichloroethylene in soils and aquifers
E. J. MURRAY, D. W. RIX & R. D. HUMPHREY: Clay linings to landfill sites 371
D. BANKS, M. L. SOLBJØRG & E. ROHR-TORP: Permeability of fracture zones in a Precambrian granite
Book reviews
Indexes